

## Appendix A

TABLE 47  
COMPOSITION AND CALORIFIC VALUE OF VARIOUS OILS

Kind of Oil	Per Cent Carbon	Per Cent Hydrogen	Per Cent Sulphur	Per Cent Oxygen	Specific Gravity	Degrees Flash Point	Per Cent Moisture	B. t. u. Per Pound	Authority
California, Coaling . . . . .					.927	134		17117	Babcock & Wilcox Co.
California, Bakersfield . . . . .					.975			17600	Wade
California, Bakersfield . . . . .			1.30		.992			18257	Wade
California, Kern River . . . . .					.950	140		18845	Babcock & Wilcox Co.
California, Los Angeles . . . . .			2.56					18328	Babcock & Wilcox Co.
California, Los Angeles . . . . .					.957	196		18855	Babcock & Wilcox Co.
California, Los Angeles . . . . .					.977		.40	18280	Babcock & Wilcox Co.
California, Monte Christo . . . . .					.966	205		18878	Babcock & Wilcox Co.
California, Whittier . . . . .			.98		.944		1.06	18507	Wade
California, Whittier . . . . .			.72		.936		1.06	18240	Wade
California . . . . .	85.04	11.52	2.45	.99*			1.40	17871	Babcock & Wilcox Co.
California . . . . .	81.52	11.51	.55	6.92*		230		18667	U. S. N. Liquid Fuel Board
California . . . . .			.87				.95	18533	Blasdale
California . . . . .					.891	257		18655	Babcock & Wilcox Co.
California . . . . .			2.45		.973		1.50†	17976	O'Neill
California . . . . .			2.46		.975		1.32	18104	Shepherd
Texas, Beaumont . . . . .	84.6	10.9	1.63	2.87	.924	180		19060	U. S. N. Liquid Fuel Board
Texas, Beaumont . . . . .	83.3	12.4	.50	3.83	.926	216		19481	U. S. N. Liquid Fuel Board
Texas, Beaumont . . . . .	85.0	12.3	1.75	.92*				19060	Denton
Texas, Beaumont . . . . .	86.1	12.3	1.60		.942			20152	Sparkes
Texas, Beaumont . . . . .					.903	222		19349	Babcock & Wilcox Co.
Texas, Sabine . . . . .					.937	143		18662	Babcock & Wilcox Co.
Texas . . . . .	87.15	12.33	0.32		.908	370		19338	U. S. N.
Texas . . . . .	87.29	12.32	0.43		.910	375		19659	U. S. N.
Ohio . . . . .	83.4	14.7	0.6	1.3				19580	
Pennsylvania . . . . .	84.9	13.7		1.4	.886			19210	Booth
West Virginia . . . . .	84.3	14.1		1.6	.841			21240	
Mexico . . . . .					.921	162		18840	Babcock & Wilcox Co.
Russia, Baku . . . . .	86.7	12.9			.884			20691	Booth
Russia, Novorossick . . . . .	84.9	11.6		3.46				19452	Booth
Russia, Caucasus . . . . .	86.6	12.3		1.10	.938			20138	
Java . . . . .	87.1	12.0		.9	.923			21163	
Austria, Galicia . . . . .	82.2	12.1	5.7		.870			18416	
Italy, Parma . . . . .	84.0	13.4	1.8		.786				
Borneo . . . . .	85.7	11.0		3.3†				19240	Orde

\*Includes N. †Includes silt.